REQ. NO. 2-9144-6

URANIUM TAILINGS UTS-1,2,3+4 BOTTLE 1486

CONTRACT REPORT NO. OSQ82-00171

Constituent	Sample Size (g)	Test portion 1	2	3	4	5
Fe (total)		4.81	4.78	4.81	4.76	4.80
Ti		0.529	0.514	0.521	0.517	0.525
Al		6.36	6.37	6.34	6.39	6.38
Ca		5.17	5.11	5.10	5.16	5.12
Ba		0.037	0.037	0.037	0.037	0.037
U		0.0050	0.0053	0.0049	0.0050	0.0052
Th		0.017	0.017	0.016	0.017	0.015
S (total)		1.004	1.010	0.999	0.999	0.993
SO_4^{2-}		2.695	2.683	2.721	2.715	2.728

4 pp

MICROMEDIA

URANIUM TAILINGS UTS-2 BOTTLE 1262

Constituent	Sample Size (g)	Test portion				
		1	2	3	4	5
Fe (total)		3.04	3.00	2.98	2.99	3.00
Ti		0.202	0.202	0.210	0.203	0.206
Al		2.74	2.77	2.79	2.79	2.80
Ca		0.427	0.426	0.425	0.424	0.427
Ba		0.049	0.049	0.049	0.049	0.050
U		0.0056	0.0055	0.0056	0.0059	0.0055
Th		0.021	0.020	0.021	0.021	0.020
S (total)		3.364	3.308	3.362	3.255	3.362
SO_4^{2-}		0.895	0.911	0.902	0.925	0.912

URANIUM TAILINGS UTS-3 BOTTLE 226

Constituent	Sample Size (g)	Test portion 1	2	3	4	5
Fe (total)		3.11	3.15	3.11	3.14	3.15
Ti		0.247	0.243	0.247	0.247	0.251
Al		6.02	6.04	5.91	5.98	6.02
Ca		4.07	4.02	4.05	4.02	4.08
Ba		0.023	0.022	0.023	0.023	0.023
U		0.0516	0.0518	0.0521	0.0492	0.0500
Th		0.0009	0.0018	0.0009	0.0018	0.0018
S (total)		0.209	0.209	0.220	0.220	0.226
SO_4^{2-}		0.007	0.007	0.003	0.006	0.009

URANIUM TAILINGS UTS-4 BOTTLE 268

Constituent	Sample Size (g)	Test portion 1	2	3	4	5
Fe (total)		2.53	2.54	2.55	2.52	2.53
Ti		0.258	0.259	0.259	0.259	0.259
Al		6.30	6.36	6.37	6.33	6.33
Ca		1.71	1.74	1.72	1.73	1.74
Ba		0.009	0.009	0.009	0.009	0.009
U		0.1094	0.1054	0.1129	0.1036	0.1051
Th		0.0009	0.0018	0.0018	0.0018	0.0018
S (total)		1.761	1.814	1.867	1.708	1.760
SO_4^{2-}		5.270	5.303	5.250	5.354	5.248
Ni		0.015	0.015	0.015	0.015	0.015
As		0.004	0.004	0.004	0.004	0.004